PROPOSED MULTI-FAMILY DEVELOPMENT

1. TOPOGRAPHIC AND BOUNDARY INFORMATION IS BASED UPON FIELD SURVEY ENTITLED: "PROPERTY & TOPOGRAPHIC SURVEY, MULTI-FAMILY DEVELOPMENT, 240 DEMING STREET, SOUTH WINDSOR, CONNECTICUT", DATED: 4/17/2023, SCALE: 1"=50' PREPARED FOR: METRO REALTY

- MANAGEMENT CORPORATION, 6 EXECUTIVE DRIVE, SUITE 100, FARMINGTON, CT 06032 AND PREPARED BY: DESIGN PROFESSIONALS, INC.

 INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION AND MAY BE INCOMPLETE, AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHOULD BE CONFIRMED PRIOR TO BEGINNING CONSTRUCTION. CALL "CALL BEFORE YOU DIG", 1-800-922-4455. ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR
- HORIZONTAL CONTROL SHOWN ON THE PLANS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.

 3. SLR INTERNATIONAL CORPORATION ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY
- 4. ALL UTILITY SERVICES ARE TO BE UNDERGROUND. THE EXACT LOCATION AND SIZE OF ELECTRIC, TELEPHONE, CABLE TELEVISION AND GAS ARE
- 5. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- 6. SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS AND DESCRIBED WITHIN THE SEDIMENT AND EROSION CONTROL NARRATIVE SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, CONNECTICUT 2002, AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.
- 7. ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 4" TOPSOIL, AND BE SEEDED WITH GRASS, AS SHOWN ON THE PLANS.
- 8. ALL STORM DRAIN PIPE SHALL BE HIGH DENSITY POLYETHELYNE PIPE (HDPE) UNLESS OTHERWISE INDICATED.
- 9. ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE.

GENERAL NOTES

- 10. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE TOWN OF SOUTH WINDSOR REQUIREMENTS AND TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, FORM 818 AND ADDENDUMS
- 11. ALL GUTTERS, ROOF DRAINS AND FOUNDATION DRAINS SHALL BE TIED INTO THE PROPOSED STORM DRAINAGE SYSTEM.
- 12. THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, WATER AUTHORITY, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN, AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE EXECUTION OF WORK. THE ENGINEER WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK WHICH DOES NOT CONFORM TO LOCAL CODE.
- 13. THE PROPOSED BUILDINGS ARE TO BE CONNECTED TO PUBLIC WATER AND SANITARY SEWER.
- 14. COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF BOTH THE CONTRACTOR AND THE PERMITTEE.

ZONING DATA TABLE MULTIFAMILY ASSISTED HOUSING IN RESIDENTIAL/COMMERCIAL ZONE (MAHZ)				
LOT AREA*	174,240 S.F. MIN. (4 AC.)	275,515 S.F. (6.324 AC.)*		
FRONT YARD	50 FEET MIN.	51 FEET		
SIDE YARD	25 FEET MIN.	30 FEET		
REAR YARD	25 FEET MIN.	77 FEET		
BUILDING HEIGHT	35 FEET MAX.	29'-1"		
BUILDING COVERAGE (%)	15% MAX	14%		
IMPERVIOUS COVERAGE (%)	50% MAX.	42%		

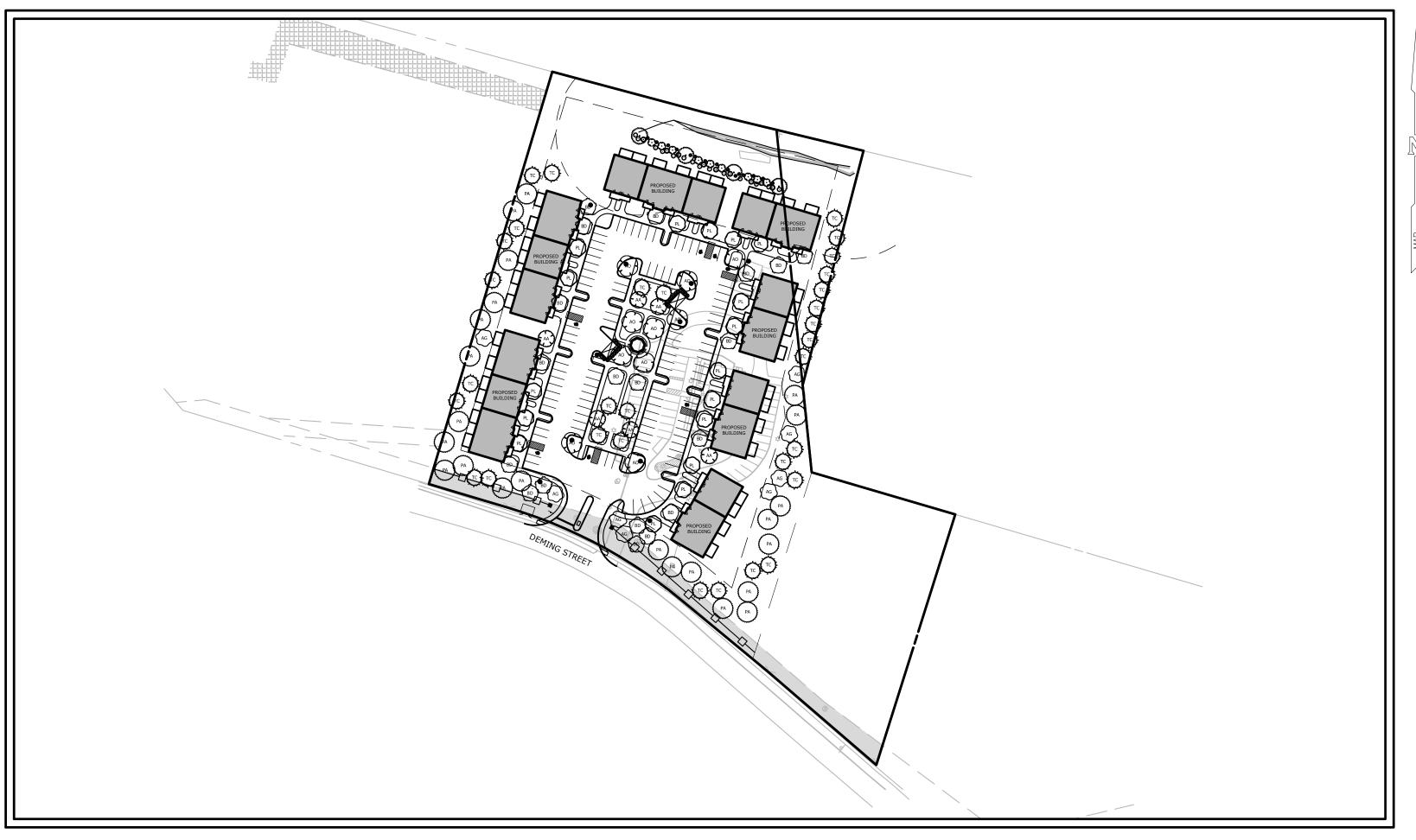
PARKING DATA				
	REQUIRED	PROPOSED		
STANDARD SPACES		109		
HANDICAP/ VAN ACCESSIBLE PARKING SPACES	5	7		
TOTAL PARKING SPACES	102**	116		

*INCLUDES 1,14 ACRES TO BE PLACED INTO A PROPOSED CONSERVATION EASEMENT

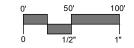
**68 UNITS X 1.5 SPACES/UNIT=102 SPACES

240 DEMING STREET SOUTH WINDSOR, CONNECTICUT MAP/BLOCK/LOT: 38-2

13571.00069 JUNE 28, 2023



PROJECT SITE VICINITY MAP:



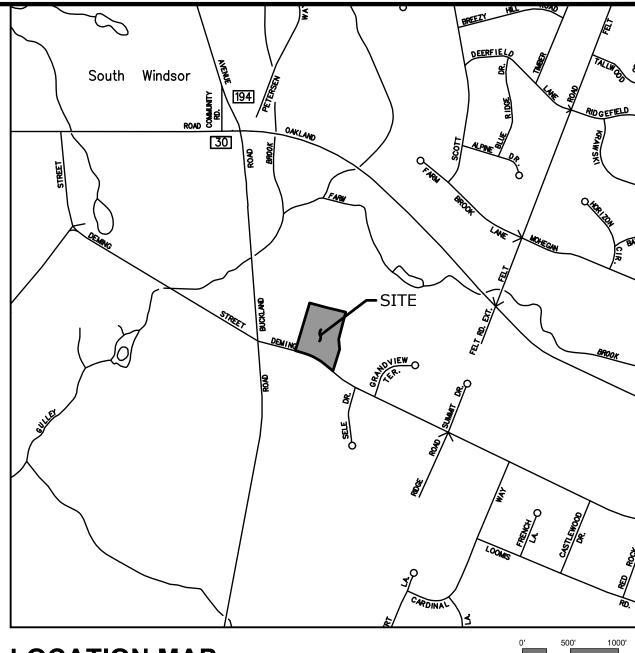
PREPARED BY:



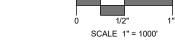
99 REALTY DRIVE CHESHIRE, CT 06410 203.271.1773 SLRCONSULTING.COI

PREPARED FOR:

METRO REALTY GROUP, LTD. 6 EXECUTIVE DRIVE, SUITE 100 FARMINGTON, CT 06032



LOCATION MAP:



EXISTING	<u>LEGEND</u>	PROPOSED
	STREET LINE	
	PROPERTY LINE	
	SETBACK LINE	
70 ———	MAJOR CONTOUR	
68	MINOR CONTOUR	98)——
× 70.5	SPOT GRADE	+ 70.5
. ~ ~ ~ ~ .	TREE LINE	$ \mathcal{M}_{\mathcal{M}}$
	TREE/ SHRUB	(TG) (TG)
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	STONEWALL	The farming of
\$	SITE LIGHT	•
200	HYDRANT	₩ ◊
o _{WV}	WATER VALVE	°WV
° _{GV}	GAS VALVE	^о gv
	CATCH BASIN	
0	MANHOLE/YARD DRAIN	
	SANITARY SEWER W/MANHOLE	SAN (()
	STORM DRAIN	
w	WATER MAIN	w
G	GAS MAIN	G
E	ELECTRIC LINE	Е
ETC	ELECTRIC, TELEPHONE, CABLE	ETC
O	UTILITY POLE	_ل
	TRAFFIC SIGN	
0	IRON PIPE	•
٠	MONUMENT	
	EDGE OF PAVEMENT W/CURB	
00000000	GUARD RAIL	. • • • • • •
	CHAIN LINK FENCE	
<u> </u>	WATERCOURSE	
	WETLAND	

LIST OF DRAWINGS

SD-4

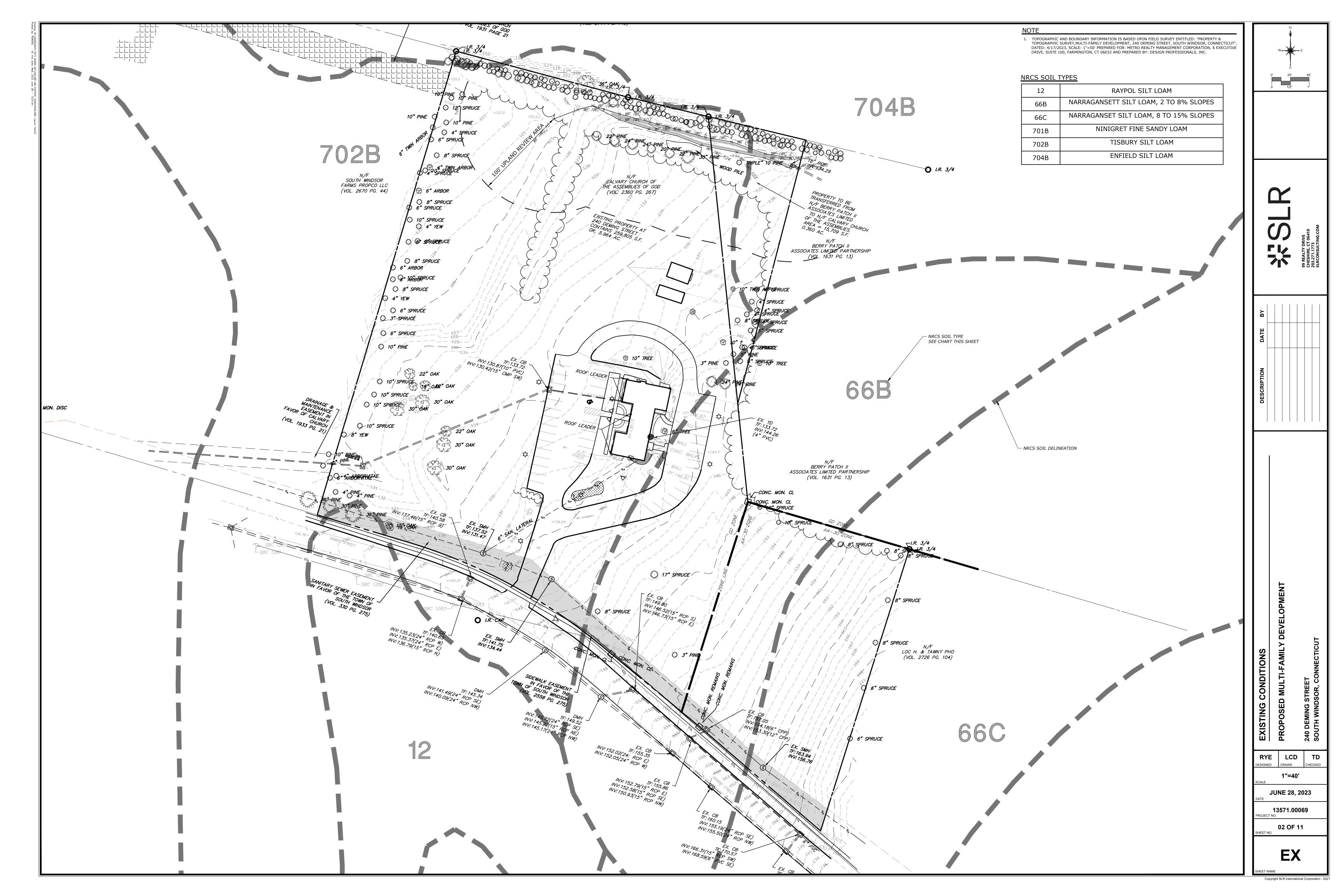
01		TITLE
02	EX	EXISTING CONDITIONS
03	LA	SITE PLAN - LAYOUT & LANDSCAPING
04	GR	SITE PLAN - GRADING
05	UT	SITE PLAN - UTILITIES
06	SE-1	SEDIMENT & EROSION CONTROL PLAN
07	SE-2	SEDIMENT & EROSION CONTROL DETAILS
80	SD-1	SITE DETAILS

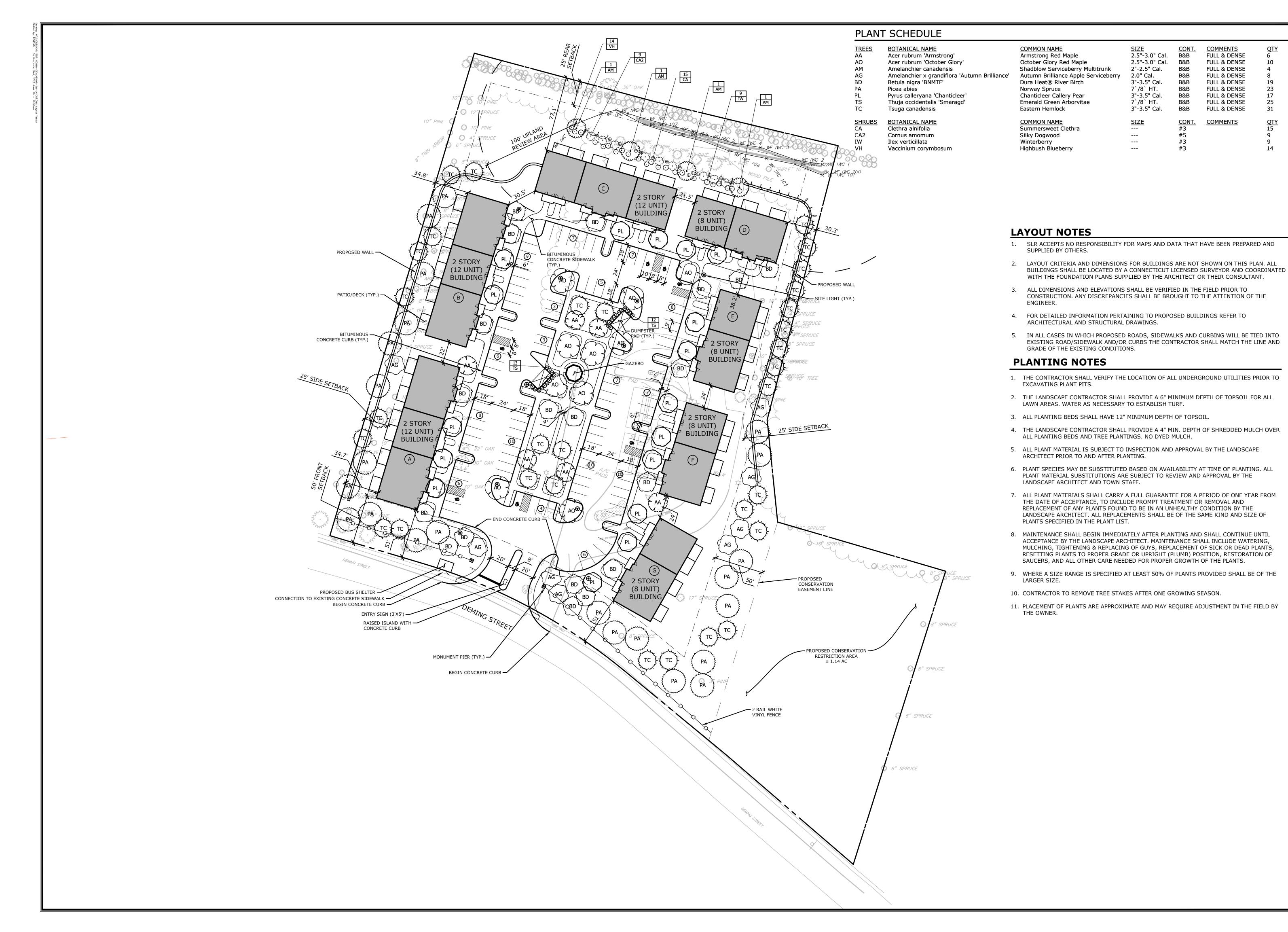
SITE DETAILS

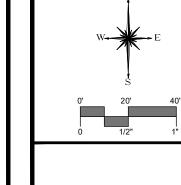
SITE DETAILS

SITE DETAILS









<u>SIZE</u> 2.5"-3.0" Cal.

2.5"-3.0" Cal.

B&B

B&B

2"-2.5" Cal.

3"-3.5" Cal.

7`/8` HT.

3"-3.5" Cal.

3"-3.5" Cal.

7`/8` HT.

2.0" Cal.

FULL & DENSE

COMMENTS

10

19

23

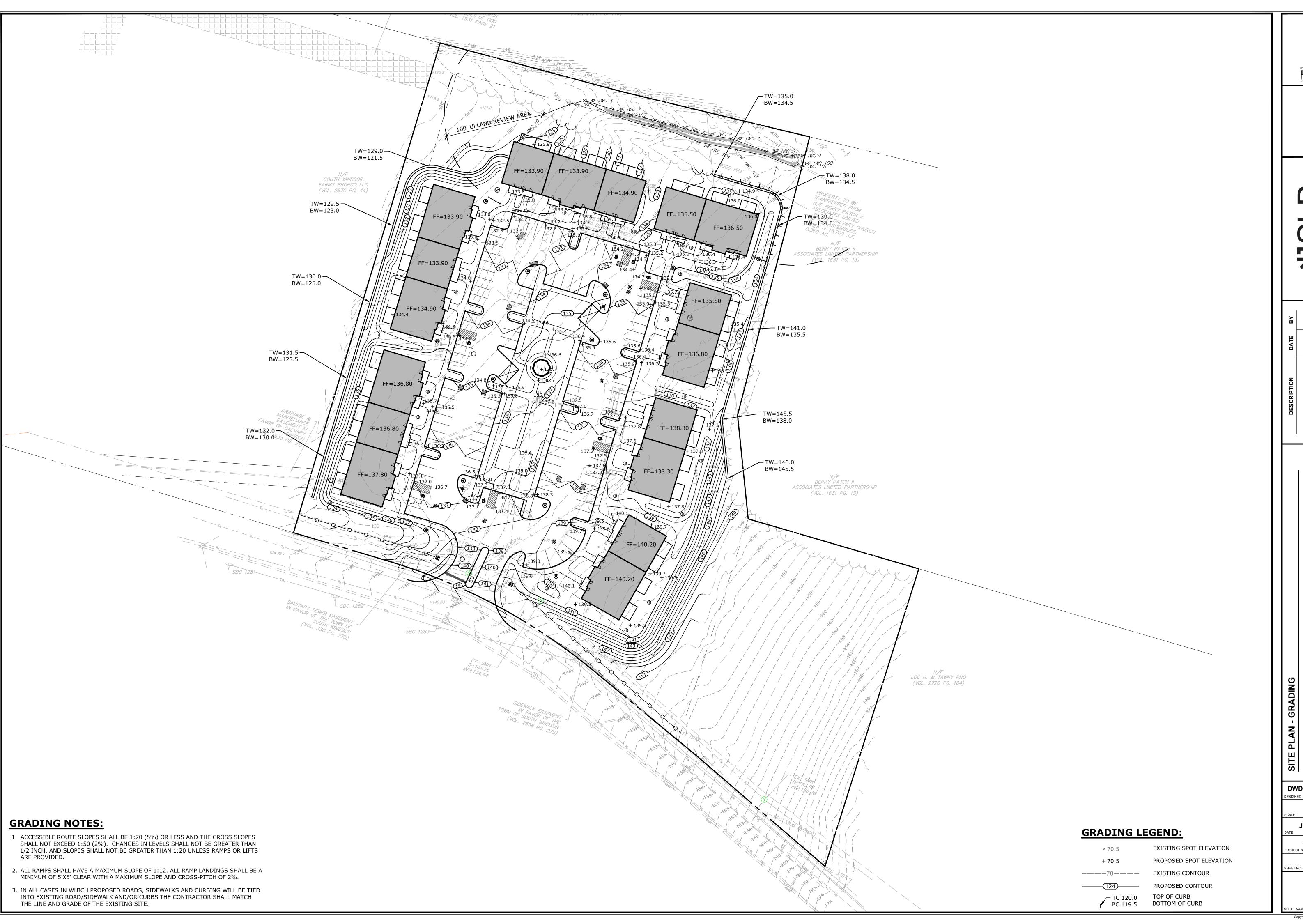
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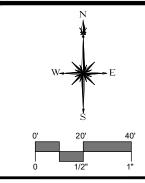
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31

RYE LCD TD 1"=40' **JUNE 28, 2023**

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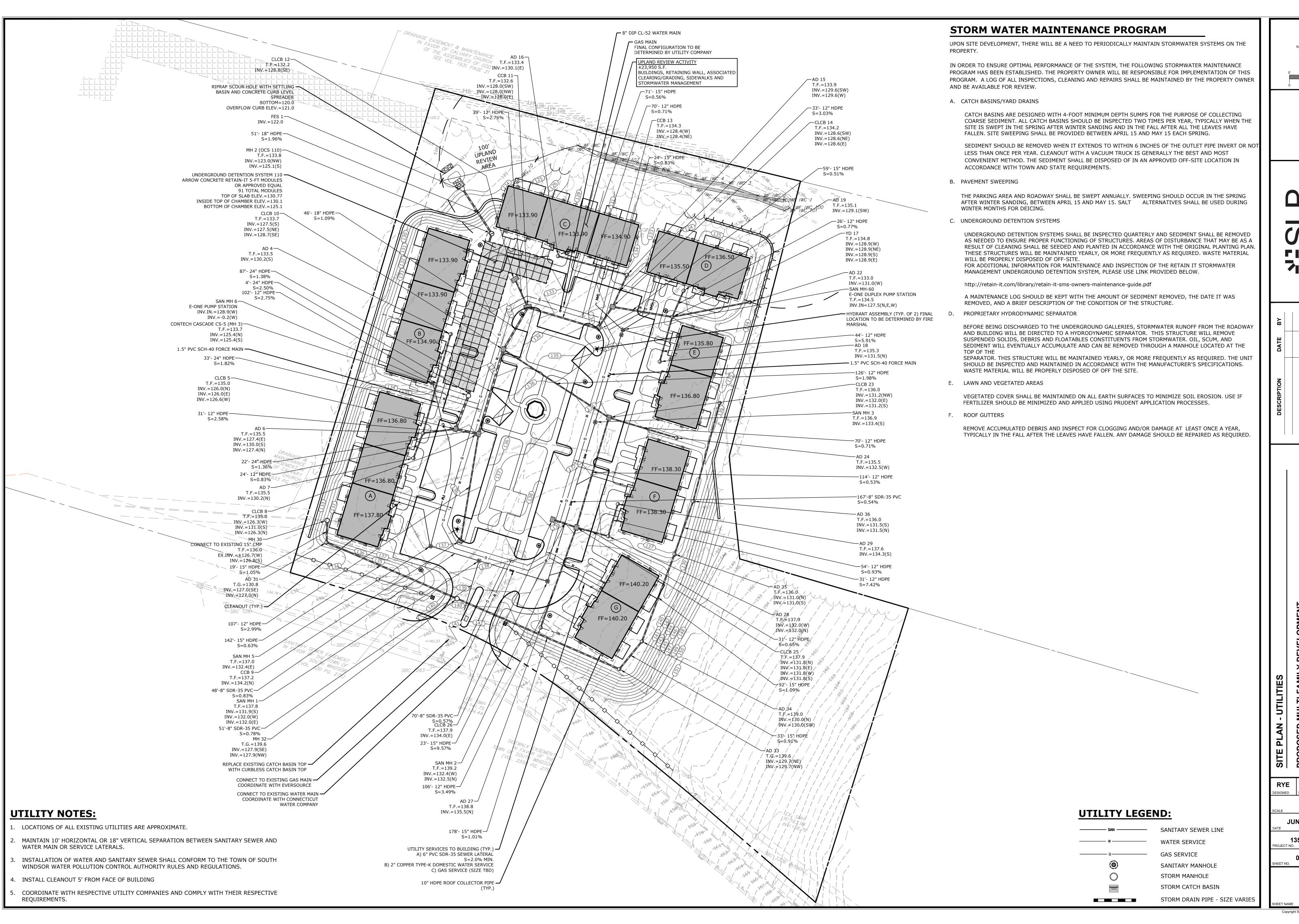




DWD LCD TD 1"=40'

JUNE 28, 2023

13571.00069



W E S O' 40'

99 REALTY DRIVE CHESHIRE, CT 06410 203.271.1773

DESCRIPTION DATE BY

PLAN - UTILITIES
OSED MULTI-FAMILY DEVELOPMEN

RYE LCD CHECKED

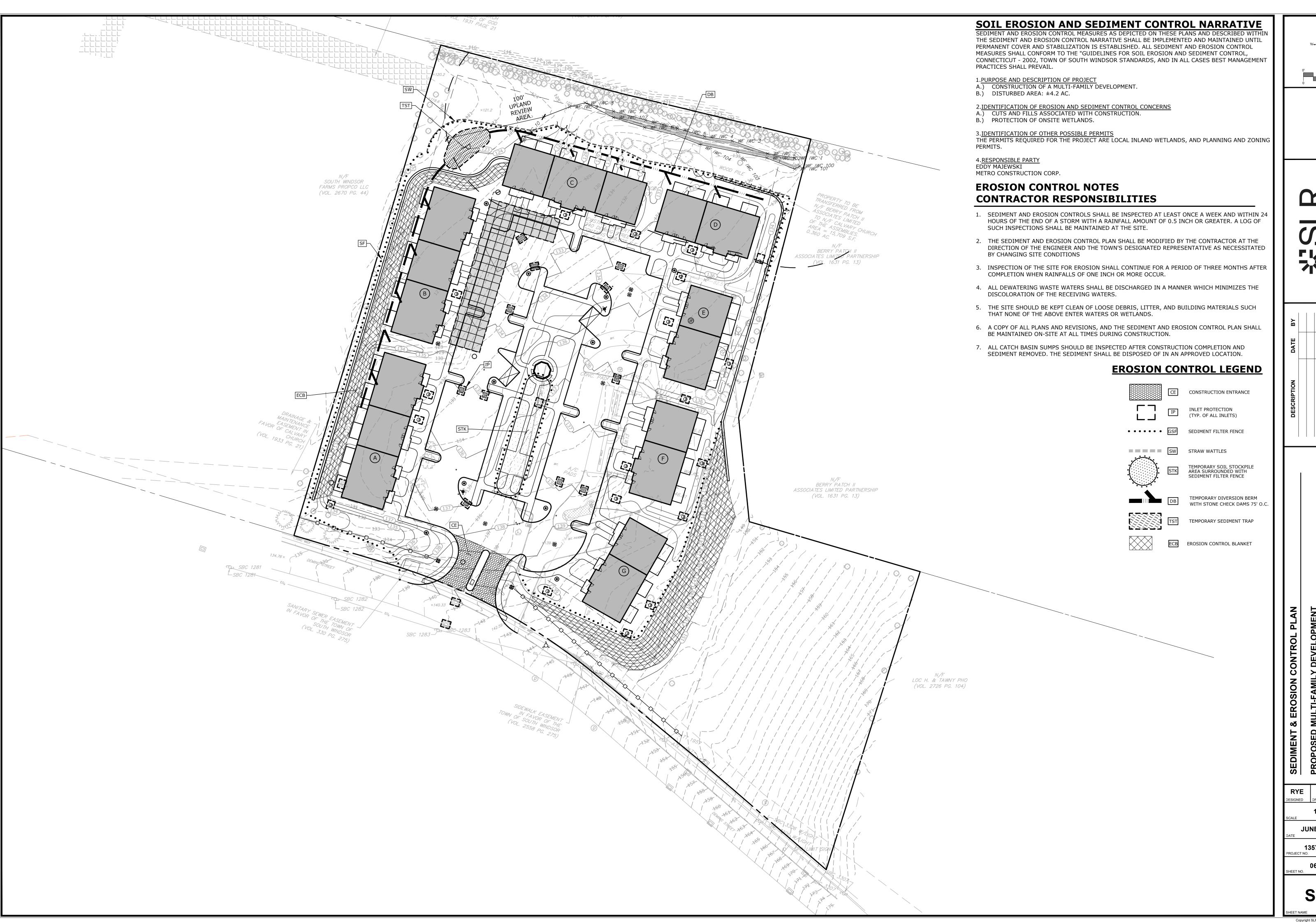
1"=40'
SCALE

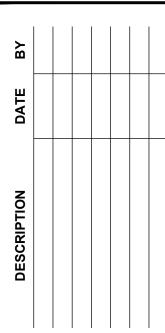
JUNE 28, 2023
DATE

13571.00069
PROJECT NO.

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UI





RYE LCD

JUNE 28, 2023

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THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION, AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.

IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATER BODY, AND CONDUIT CARRYING WATER, ETC. THE CONTRACTOR SHALL LIMIT, INSOFAR AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES, AND WATER BODIES, AND TO PREVENT, INSOFAR AS POSSIBLE, EROSION ON THE SITE.

LAND GRADING

GENERAL:

- THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES, SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:
- a. THE CUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
- b. THE PERMANENT EXPOSED FACES OF FILLS SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
- THE CUT FACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL
- TO FOUR VERTICAL (1:4). PROVISION SHOULD BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL
- EXCAVATIONS SHOULD NOT BE MADE SO CLOSE TO PROPERTY LINES AS TO ENDANGER ADJOINING PROPERTY WITHOUT PROTECTING SUCH PROPERTY FROM
- EROSION, SLIDING, SETTLING, OR CRACKING. NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE PREMISES OF
- PRIOR TO ANY REGRADING, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED AT THE ENTRANCE TO THE WORK AREA IN ORDER TO REDUCE MUD AND

ANOTHER OWNER OR UPON ADJACENT WETLANDS, WATERCOURSES, OR WATER

TOPSOIL

GENERAL

- TOPSOIL SHALL BE SPREAD OVER ALL EXPOSED AREAS IN ORDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH, AND MAINTENANCE OF VEGETATION.
- UPON ATTAINING FINAL SUBGRADES, SCARIFY SURFACE TO PROVIDE A GOOD BOND WITH TOPSOIL.
- REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS AND CONSTRUCTION DEBRIS.
- APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF TWO (2) TONS PER ACRE MATERIAL: 1. TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.
- TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE. 3. TOPSOIL SHOULD BE RELATIVELY FREE OF SUBSOIL MATERIAL AND MUST BE FREE OF STONES LARGER THAN 1.25", LUMPS OF SOIL, ROOTS, TREE LIMBS, TRASH, OR CONSTRUCTION DEBRIS. IT SHOULD BE FREE OF ROOTS OR RHIZOMES SUCH AS THISTLE, NUTGRASS. AND QUACKGRASS.
- AN ORGANIC MATTER CONTENT OF SIX PERCENT (6%) IS REQUIRED. AVOID LIGHT COLORED SUBSOIL MATERIAL. SUITABLE. AVOID TIDAL MARSH SOILS BECAUSE OF HIGH
- SOLUBLE SALT CONTENT OF OVER 500 PARTS PER MILLION (PPM) IS LESS 6. THE pH SHOULD BE 5.5 TO 7 IF LESS, ADD LIME TO INCREASE pH TO AN ACCEPTABLE LEVEL.

EXECUTION

1. AVOID SPREADING WHEN TOPSOIL IS WET OR FROZEN.

OTHER SEDIMENTS FROM LEAVING THE SITE.

SPREAD TOPSOIL UNIFORMLY TO A DEPTH OF AT LEAST SIX INCHES (6"), OR TO THE DEPTH SHOWN ON THE LANDSCAPING PLANS.

VEGETATIVE COVER SELECTION AND MULCHING

TEMPORARY VEGETATIVE COVER:

HYDRAULIC APPLICATION.

PERENNIAL RYEGRASS 5 LBS./1,000 SQ.FT. (LOLIUM PERENNE) * PERMANENT VEGETATIVE COVER: SEE SPECIFICATIONS

TEMPORARY MULCHING:

CLEAN DRY STRAW OR HAY FREE OF WEEDS WITH A MULCH TACKIFIER 70-90 LBS./1,000 SQ.FT. (TEMPORARY VEGETATIVE AREAS)

WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.

- 1. SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING).
- 2. SELECT ADAPTED SEED MIXTURE FOR THE SPECIFIC SITUATION. NOTE RATES AND THE SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPEC. ABOVE).
- APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR
- 4. COVER GRASS AND LEGUME SEED WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE
- EQUIPMENT (EXCEPT WHEN HYDROSEEDING). MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING

6. USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, USE FOUR (4) TIMES NORMAL RATES

WHERE IT IS IMPORTANT TO GET A QUICK VEGETATIVE COVER TO PREVENT EROSION.

- SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION ABOVE).
- WHEN HYDROSEEDING. 7. USE SOD WHERE THERE IS A HEAVY CONCENTRATION OF WATER AND IN CRITICAL AREAS

MAINTENANCE

- 1. TEST FOR SOIL ACIDITY EVERY THREE (3) YEARS AND LIME AS REQUIRED.
- 2. ON SITES WHERE GRASSES PREDOMINATE, BROADCAST ANNUALLY 500 POUNDS OF 10-10-10 FERTILIZER PER ACRE (12 LBS. PER 1,000 SQ. FT.) OR AS NEEDED ACCORDING TO ANNUAL SOIL
- 3. ON SITES WHERE LEGUMES PREDOMINATE, BROADCAST EVERY THREE (3) YEARS OR AS INDICATED BY SOIL TEST 300 POUNDS OF 0-20-20 OR EQUIVALENT PER ACRE (8 LBS PER 1,000

EROSION CHECKS

TEMPORARY PERVIOUS BARRIERS USING BALES OF HAY OR STRAW, HELD IN PLACE WITH STAKES DRIVEN THROUGH THE BALES AND INTO THE GROUND OR GEOTEXTILE FABRIC FASTENED TO A FENCE POST AND BURIED INTO THE GROUND, SHALL BE INSTALLED AND MAINTAINED AS REQUIRED TO CHECK EROSION AND REDUCE SEDIMENTATION.

CONSTRUCTION:

- 1. BALES SHOULD BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- 2. EACH BALE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF FOUR (6") INCHES.
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY WOOD STAKES OR REINFORCEMENT BARS DRIVEN THROUGH THE BALES AND INTO THE GROUND. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
- GEOTEXTILE FABRIC SHALL BE SECURELY ANCHORED AT THE TOP OF A THREE FOOT (3') HIGH FENCE AND BURIED A MINIMUM OF SIX INCHES (6") TO THE SOIL. SEAMS BETWEEN SECTIONS OF FILTER WORK AREA FABRIC SHALL OVERLAP A MINIMUM OF TWO FEET (2').

INSTALLATION AND MAINTENANCE:

- BALED HAY EROSION BARRIERS SHALL BE INSTALLED AT ALL STORM SEWER INLETS.
- BALED HAY EROSION BARRIERS AND GEOTEXTILE FENCE SHALL BE INSTALLED AT THE LOCATION INDICATED ON THE PLAN AND IN ADDITIONAL AREAS AS MAY BE DEEMED APPROPRIATE DURING
- 3. ALL EROSION CHECKS SHALL BE MAINTAINED UNTIL ADJACENT AREAS ARE STABILIZED.
- INSPECTION SHALL BE FREQUENT (PER TABLE BELOW) AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED
- EROSION CHECKS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM WATER FLOW OR DRAINAGE.

TEMPORARY VEGETATIVE COVER

TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL UNPROTECTED AREAS THAT PRODUCE SEDIMENT, AREAS WHERE FINAL GRADING HAS BEEN COMPLETED, AND AREAS WHERE THE ESTIMATED PERIOD OF BARE SOIL EXPOSURE IS LESS THAN 12 MONTHS. TEMPORARY VEGETATIVE COVER SHALL BE APPLIED IF AREAS WILL NOT BE PERMANENTLY SEEDED BY SEPTEMBER 1.

GENERAL:

1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.

USING A DISK OR ANY SUITABLE EQUIPMENT.

- 2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
- 3. APPLY LIME ACCORDING TO SOIL TEST OR AT A RATE OF TWO (2) TON OF GROUND DOLOMITIC LIMESTONE PER ACRE (5 LBS. PER 100 SQ. FT.).
- APPLY FERTILIZER ACCORDING TO SOIL TEST OR AT THE RATE OF 300 LBS. OF 10-10-10 PER ACRE (7 LBS. PER 1,000 SQ. FT.) AND SECOND APPLICATION OF 200 LBS. OF 10-10-10- (5 LBS. PER 1,000 SQ. FT.) WHEN GRASS IS FOUR INCHES (4") TO SIX INCHES (6") HIGH.
- APPLY ONLY WHEN GRASS IS DRY UNLESS HYDROSEEDED, WORK IN LIME AND FERTILIZER TO A DEPTH OF FOUR (4") INCHES
- 6. TILLAGE SHOULD ACHIEVE A REASONABLY UNIFORM LOOSE SEEDBED. WORK ON CONTOUR

SITE PREPARATION:

- SELECT APPROPRIATE SPECIES FOR THE SITUATION. NOTE RATES AND SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING
- APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- UNLESS HYDROSEEDED, COVER RYEGRASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL USING SUITABLE EOUIPMENT
- 4. MULCH IMMEDIATELY AFTER SEEDING IF REQUIRED. (SEE VEGETATIVE)

PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED AS VARIOUS SECTIONS OF THE PROJECT ARE COMPLETED IN ORDER TO STABILIZE THE SOIL, REDUCE DOWNSTREAM DAMAGE FROM SEDIMENT AND RUNOFF, AND TO ENHANCE THE AESTHETIC NATURE OF THE SITE. IT WILL BE APPLIED TO ALL CONSTRUCTION AREAS SUBJECT TO EROSION WHERE FINAL GRADING HAS BEEN COMPLETED AND A PERMANENT COVER IS NEEDED.

SITE PREPARATION:

- 1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
- 2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
- 3. PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.
- 4. APPLY TOPSOIL AS INDICATED ELSEWHERE HEREIN.

WATER FLOW

WORK AREA

5. APPLY FERTILIZER ACCORDING TO SOIL TEST OR PER THE TECHNICAL SPECIFICATIONS

SECTION VIEW

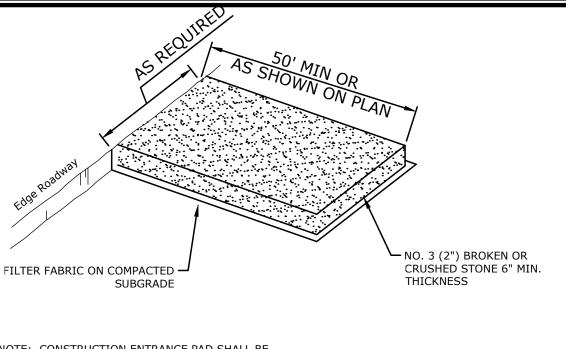
- STRAW WATTLES

AREA TO BE PROTECTED

EOUAL

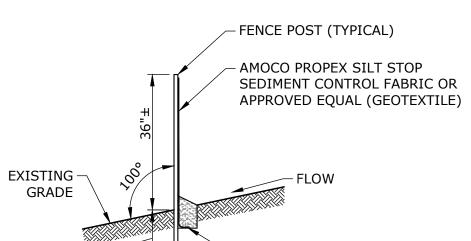
AREA TO BE PROTECTED

OR APPROVED



OTE: CONSTRUCTION ENTRANCE PAD SHALL BE INSTIALLED AND MAINTAINED DURING OPERATIONS WHICH PROMOTE VEHICULAR TRACKING OF MUD

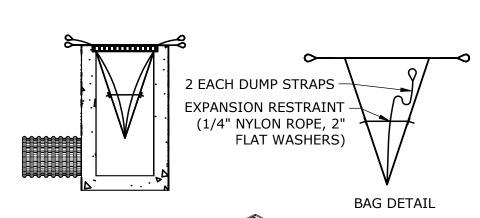
CONSTRUCTION ENTRANCE PAD

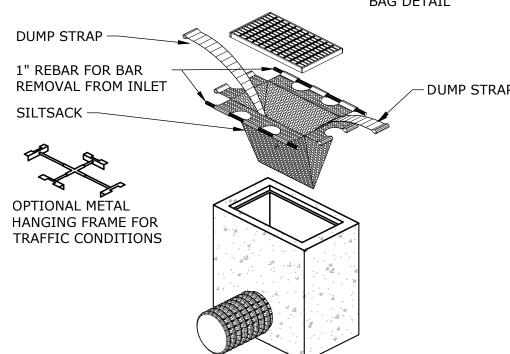


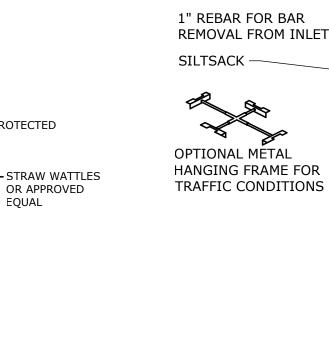
BURY END OF GEOTEXTILE

MIN. 6" INTO SOIL

SEDIMENT FILTER FENCE



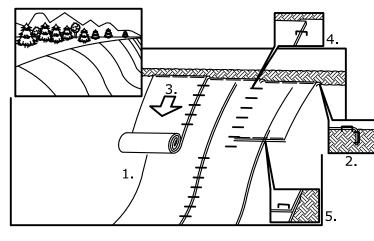




STRAW WATTLES (SW)

TEMPORARY INLET PROTECTION

EROSION CONTROL MAINTENANCE INTERVALS INSPECTION/MAINTENANCE **EROSION CONTROL MEASURE CONTROL OBJECTIVE** FAILURE INDICATORS **REMOVAL** - INTERCEPT, AND REDIRECT/DETAIN SMALL AMOUNTS OF SEDIMENT PHYSICAL DAMAGE OR DECOMPOSITION INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 SILT FENCE (SF) FROM SMALL DISTURBED AREAS. EVIDENCE OF OVERTOPPED OR UNDERCUT FENCE SILT FENCE MAY BE REMOVED AFTER UPHILL AND INCHES OR MORE. ACCUMULATED SEDIMENT MUST BE REMOVED ONCE ITS DEPTH IS EQUAL TO 1/2 THE TRENCH (RELATED: IP, STK) - DECREASE VELOCITY OF SHEET FLOW. EVIDENCE OF SIGNIFICANT FLOWS EVADING CAPTURE SENSITIVE AREAS HAVE BEEN PERMANENTLY STABILIZED. HEIGHT. INSPECT FREQUENTLY DURING PUMPING OPERATIONS IF USED FOR DEWATERING OPERATIONS. - PROTECT SENSITIVE SLOPES OR SOILS FROM EXCESSIVE WATER FLOW. REPETITIVE FAILURE PHYSICAL DAMAGE OR DECOMPOSITION - INTERCEPT, AND REDIRECT/DETAIN SMALL AMOUNTS OF SEDIMENT INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 EVIDENCE OF OVERTOPPED OR UNDERCUT FROM SMALL DISTURBED AREAS. INCHES OR MORE. ACCUMULATED SEDIMENT MUST BE REMOVED ONCE THE DEPTH OF SEDIMENT IS EQUAL TO ½ STRAW WATTLES MAY BE REMOVED AFTER UPHILL AREAS **STRAW WATTLES (SW)** THE HEIGHT OF THE BARRIER. INSPECT FREQUENTLY DURING PUMPING OPERATIONS IF USED FOR DEWATERING EVIDENCE OF SIGNIFICANT FLOWS EVADING - DECREASE VELOCITY OF SHEET FLOW HAVE BEEN PERMANENTLY STABILIZED. - PROTECT SENSITIVE SLOPES OR SOILS FROM EXCESSIVE WATER FLOW. OPERATIONS. REPETITIVE FAILURE INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. PERIODIC ADDITION OF STONE, CONSTRUCTION ENTRANCE MAY BE REMOVED ONCE THE **CONSTRUCTION ENTRANCE (CE) /** - REDUCE THE TRACKING OF SEDIMENT OFF-SITE ONTO PAVED OR LENGTHENING OF ENTRANCE MAY BE REQUIRED AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, SEDIMENT IN ROADWAY ADJACENT TO SITE SITE HAS BEEN PERMANENTLY STABILIZED, AND ALL OTHER DROPPED, WASHED, OR TRACKED ONTO PAVED SURFACES AS A RESULT OF INEFFICIENCY OF CONSTRUCTION **ANTI-TRACKING APRON** SURFACES. SECTIONS OF ROADWAY HAVE BEEN PERMANENTLY PAVED. ENTRANCE SHALL BE IMMEDIATELY REMOVED. INLET PROTECTION MAY BE REMOVED ONCE THE SITE HAS **CATCH BASIN INLET PROTECTION** FAILED HAY BALES / SILT FENCE - PROHIBIT SILT IN CONSTRUCTION-RELATED RUNOFF FROM ENTERING INSPECT AFTER ANY RAIN EVENT. IF FILTER BAG INSIDE CATCH BASIN CONTAINS MORE THAN 6" OF SEDIMENT, BEEN PERMANENTLY STABILIZED, AND ALL SECTIONS OF SIGNIFICANT SILT PRESENCE IN STORM STORM DRAINAGE SYSTEM. REMOVE SEDIMENT FROM BAG. CHECK SURROUNDING SILT FENCE AND HAY BALES PER NOTED ABOVE. ROADWAY HAVE BEEN PERMANENTLY PAVED. DRAINAGE SYSTEM OUTFLOW. EVIDENCE OF STOCK PILE DIMINISHING STOCKPILE PROTECTION INSPECT SILT FENCE AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. PERIODIC - RETAIN SOIL STOCKPILE IN LOCATIONS SPECIFIED, STOCKPILE PROTECTION MAY BE REMOVED ONCE THE DUE TO RAIN EVENTS AND REDUCE WATER-TRANSPORT. REINFORCEMENT OF SILT FENCE, OR ADDITION OF HAY BALES MAY BE NECESSARY. STOCKPILE IS USED OR REMOVED. FAILURE OF SILT FENCE INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 - DETAIN SEDIMENT-LADEN RUNOFF FROM SMALL TST MAY BE REMOVED ONCE THE CONTRIBUTING DRAINAGE **TEMPORARY SEDIMENT TRAP (TST)** INCHES OR MORE. STONE OUTLET SHOULD BE AT LEAST 1 FOOT BELOW CREST OF EMBANKMENT. SEDIMENT EXCESSIVE SEDIMENT ACCUMULATION DISTURBED AREAS LONG ENOUGH TO ALLOW A AREA IS PERMANENTLY STABILIZED. OVERTOPPING EVIDENCE MUST BE REMOVED WHEN ACCUMULATION REACHES ½ OF THE REQUIRED WET STORAGE. MAJORITY OF THE SEDIMENT TO SETTLE OUT. **TEMPORARY DIVERSION** MINIMIZE VELOCITY AND CONCENTRATION OF SHEET FLOW ACROSS WHEN LOCATED WITHIN CLOSE PROXIMITY TO ONGOING CONSTRUCTION ACTIVITIES, INSPECT AT THE END OF PHYSICAL DAMAGE TEMPORARY DIVERSIONS MAY BE REMOVED ONCE CONSTRUCTION SITE TO A SEDIMENT TRAPPING FACILITY. EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. OTHERWISE INSPECT AT LEAST ONCE A WEEK AND BERM/SWALE EXCESSIVE SCOURING/EROSION CONSTRUCTION HAS CEASED AND THE CONTRIBUTING - DIVERT WATER ORIGINATING FROM UNDISTURBED AREA AWAY FROM WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. REPAIR THE REPETITIVE FAILURE DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED. (TBS) CONSTRUCTION. TEMPORARY MEASURE AND ANY OTHER ASSOCIATED MEASURES WITHIN 24 HOURS.



INSTALLATIONS.

- . PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING SCC225, DO NOT SEED PREPARED AREA. SCC225 MUST BE INSTALLED WITH PAPER SIDE DOWN.
- 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER
- 3. ROLL THE BLANKETS DOWN THE SLOPE IN THE DIRECTION OF THE WATER
- 4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH
- APPROXIMATELY 2" OVERLAP. 5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS

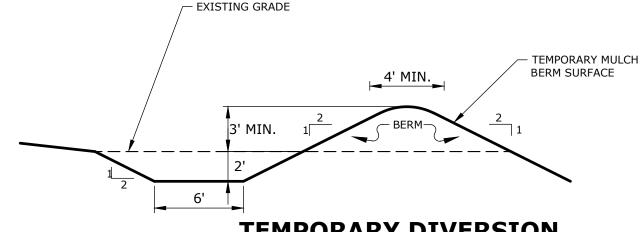
STAPLE THROUGH OVERLAP AREA, APPROXIMATELY 12" APART. REFER TO GENERAL STAPLE PATTERN GUIDE IN NORTH AMERICAN GREEN

END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 6" OVERLAP.

APPLICATION OF EROSION CONTROL

CATALOG FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE

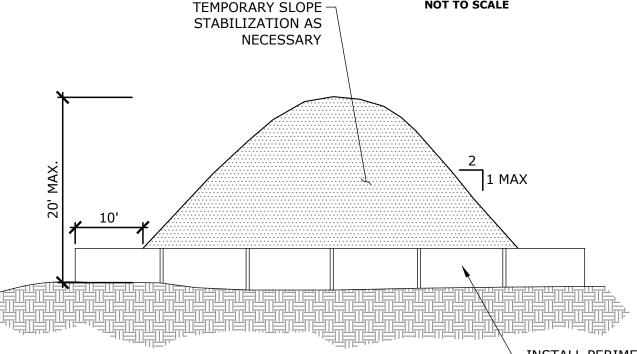
BLANKET ON SLOPES (ECB)



TEMPORARY DIVERSION BERM/SWALE (DB) NOT TO SCALE

DIVERSION BERM BAFFLE TO INCREASE FLOW BATH (SEE SEDIMENT AND EROSION CONTROL PLAN FOR LOCATION) APRON WITH MODIFIED ROCK RIPRAP COMPACTED EARTH EMBANKMENT (5' MIN. LENGTH) (5' MAX. HEIGHT)

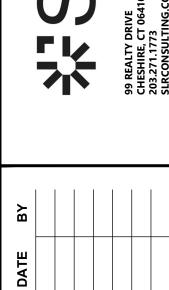
TEMPORARY SEDIMENT TRAP (ISOMETRIC VIEW)



INSTALL PERIMETER CONTROL (GEOTEXTILE SILT FENCE OR APPROVED EQUAL)

- INSTALL A GEOTEXTILE SILT FENCE AND/OR HAY BALE BARRIER AROUND THE STOCKPILE AREA APPROXIMATELY 10 FEET FROM THE PROPOSED TOE OF SLOPE.
- 2. SIDE SLOPES SHALL NOT EXCEED A SLOPE OF 2:1. STOCKPILES THAT REMAIN INACTIVE FOR MORE THAN 30 DAYS SHALL BE SEEDED AND MULCHED IMMEDIATELY AFTER FORMATION
- 3. DISTANCE FROM WETLANDS, WATERCOURSES, DRAINAGE WAYS AND STEEP SLOPES SHALL BE MAXIMIZED. RUNOFF SHALL BE DIVERTED AWAY FROM STOCKPILE AREA

TEMPORARY SOIL STOCKPILE



RYE | LCD | TD

AS NOTED JUNE 28, 2023

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